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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/665,950	09/21/2000	Yoshiyuki Sogawa	32405W041	9479

7590 05/07/2007  
Smith Gambrell Russell  
1850 M Street N W  
Suite 800  
Washington, DC 20036

EXAMINER

SELBY, GEVELL V

ART UNIT	PAPER NUMBER
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2622

MAIL DATE	DELIVERY MODE
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05/07/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Supplemental  
Notice of Allowability**

Application No.

09/665,950

Examiner

Gevell Selby

Applicant(s)

SOGAWA ET AL.

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 3/30/07.
2. ☒ The allowed claim(s) is/are 1-10 and 32-46, renumbered as claims 1-25.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



**VIVEK SRIVASTAVA  
SUPERVISORY PATENT EXAMINER**

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 1-10 and 32-46 are allowed.
2. The following is an examiner's statement of reasons for allowance:

In regard to claims 1-3, 7, 10, 35, and 37-45, the prior art does not disclose a test method for examining the shoot direction of a camera with the combination of limitations specified in the claimed invention, specifically the limitations of:

to judge if said shooting direction is adjustable by a first adjuster, wherein said shooting direction is adjustable by a second adjuster, and a first adjustable range by said first adjuster is smaller than a second adjustable range by said second adjuster;

setting a judgment pattern at a specific position on said photographed image, said judgment pattern represents said first adjustable range;

judging whether said reference pattern is within said judgment pattern; and

notifying of information concerning adjustment of said shooting direction by said second adjuster in the case where said reference pattern deviates from said judgment pattern, as claimed in claim 1.

In regard to claims 4, 5, 6, 8 and 36, the prior art does not disclose a test method for examining the shoot direction of a camera with the combination of limitations specified in the claimed invention, specifically the limitations of:

wherein said shooting direction is adjustable by a mounting adjuster of said camera apparatus, and said finely adjustable range is smaller than a mount adjustable range by said mounting adjuster;

judging on compliance or non-compliance of the shooting direction of said camera apparatus based on a relationship between the position of said reference pattern determined and a proper range defining a finely adjustable range which is an adjustable range by said image transformation for the shooting direction of said camera apparatus;

notifying of information concerning adjustment of said shooting direction by said mounting adjuster in the case where said reference pattern deviates from said proper range, as claimed in claim 4.

Claim 9 is rejection for the reasons stated in a previous office action.

In regard to claims 32-34, the prior art does not disclose a test method for examining the shoot direction of a camera with the combination of limitations specified in the claimed invention, specifically the limitations of:

wherein said shooting direction is adjustable by a mounting adjuster of said camera apparatus, and said finely adjustable range is smaller than a mount adjustable range by said mounting adjuster;

setting a judgment pattern at a specific position on said photographed image, said judgment pattern represents said first adjustable range;

examining compliance or non-compliance concerning adjustment of said shooting direction by said mounting adjuster in the case where said reference pattern deviates from said proper range; and

notifying of information concerning adjustment of said shooting direction by said mounting adjuster in the case where said reference pattern deviates from said proper range, as claimed in claim 32.

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In regard to claims 46, the prior art does not disclose a test method for examining the shoot direction of a camera with the combination of limitations specified in the claimed invention, specifically the limitations of:

setting a judgment pattern at a specific position on said photographed image, said judgment pattern representing a first adjustable range;

comparing a position of the reference pattern and a position of the judgment pattern on the photographed image so as to judge if said shooting direction is adjustable by a first adjuster, wherein said shooting direction is adjustable to a second adjustable range by a second adjuster, and the first adjustable range is smaller than a second adjustable range,

notifying of information concerning adjustment of said shooting direction by said second adjuster in the case where said reference pattern deviates from said judgment pattern, as claimed in claim 46.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gevell Selby whose telephone number is 571-272-7369. The examiner can normally be reached on 8:00 A.M. - 5:30 PM (every other Friday off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivek Srivastava can be reached on 571-272-7304. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

gvs



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